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Cat. No. 33-1093A
OWNER'S MANUAL

Please read before using this equipment.

**Stereo
Amplified Listener**





Your Optimus Stereo Amplified Listener picks up sounds around you and amplifies them for easy listening.

Take your listener along on field trips and amplify nature's sounds. Or, while watching TV or listening to music with someone who prefers a lower volume level, use the listener to increase the sound level for your private listening pleasure.



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Dual Electret Microphones

— provide a natural stereo sound image. This feature gives you a sense of the location. The microphones' wide pickup patterns accurately reproduce sounds above and to the sides of the user, in addition to sound directly in front of the user.

Low-Noise Amplifier — boosts the microphones' signals and sends them to the stereo headphones (not supplied).

VOLUME Control — lets you adjust both of the listener's channels at the same time.



BALANCE Control — lets you adjust the balance between the left and right channels for the most natural sound.



ON/OFF/Hi Switch — lets you turn the listener on and off. When you set the switch to **Hi**, the high frequency sounds are boosted to compensate for the ear's lack of sensitivity to these sounds.



Lightweight Compact Design — lets you easily carry the listener anywhere.





Note: This device is not intended to be used as a hearing aid. If you are hearing impaired, we recommend that you consult a hearing specialist.





PREPARATION



Your listener requires stereo headphones equipped with a $\frac{1}{8}$ -inch (3.5 mm) plug, such as RadioShack Cat. No. 33-980.



You can place the listener on a flat surface or wear it around your neck. If you prefer to wear it, thread the ends of the neck cord through the neck cord holes.



THE BATTERY

1. Slide the battery compartment cover in the direction of the arrow, and remove the cover.
2. Install two AAA batteries as indicated by the drawing in the compartment. We recommend alkaline batteries, such as Cat. No. 23-555.

**illus showing
batteries in
compartment**

Caution: Be sure to observe proper battery polarity (+ and -). Incorrect battery installation can damage your listener.

3. Replace the cover.

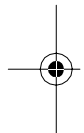
OPERATION

1. Set **VOLUME** to **MIN**.
2. Slide the **ON/OFF/HI** switch to **ON**.
3. Plug the headphones into the **PHONES** jack and put them on.
4. Adjust **VOLUME** to a pleasant listening level.
5. Adjust **BALANCE** for the desired left/right balance.
6. Slide the **ON/OFF/HI** switch to **HI** to emphasize high frequency sounds if they sound weak.

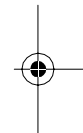


7. Slide the **ON/OFF/Hi** switch to **OFF** to turn off the listener.

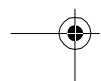
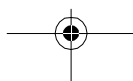
If you do not plan to use the listener for an extended period, remove the batteries.



When the level of amplification becomes poor or distorted, replace both batteries at the same time.



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SPECIFICATIONS

Frequency Response:
150 Hz to 10,000 Hz

High Equalizer (HI):
+6 dB at 6,000 Hz

Headphone Jack Impedance:
32 ohms

Sensitivity:
-15 dB
(0 dB = 1V/micro bar, 1 kHz,
32 ohms)

Maximum Output Power:
About 30 mW Per
Channel (32 ohms)

S/N Ratio:
More than 40 dB

Power Supply:

Two AAA batteries

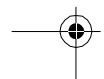
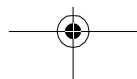
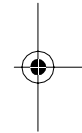
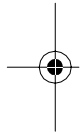
Battery Life:

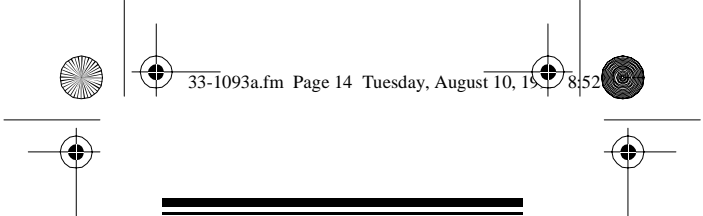
About 50 Hours

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

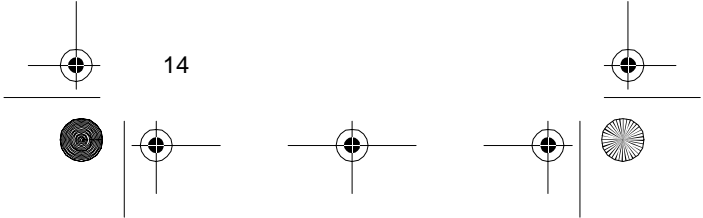


NOTES





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Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you. *(continued)*

(continued)

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

RadioShack Customer Relations, Dept. W,
100 Throckmorton St., Suite 600, Fort Worth, TX 76102

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